

Course Material

Data Wrapper

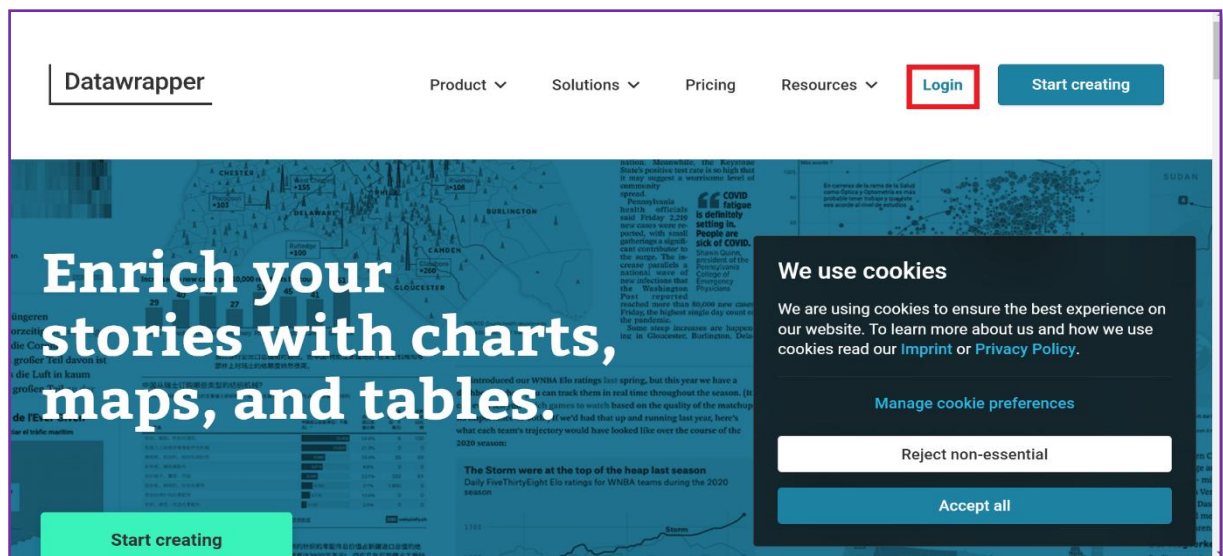
Table of Contents

Installation.....	1
Datawrapper – User guide	1
Chart Creation	1
Map Creation.....	8

Installation

Sign Up/Log In:

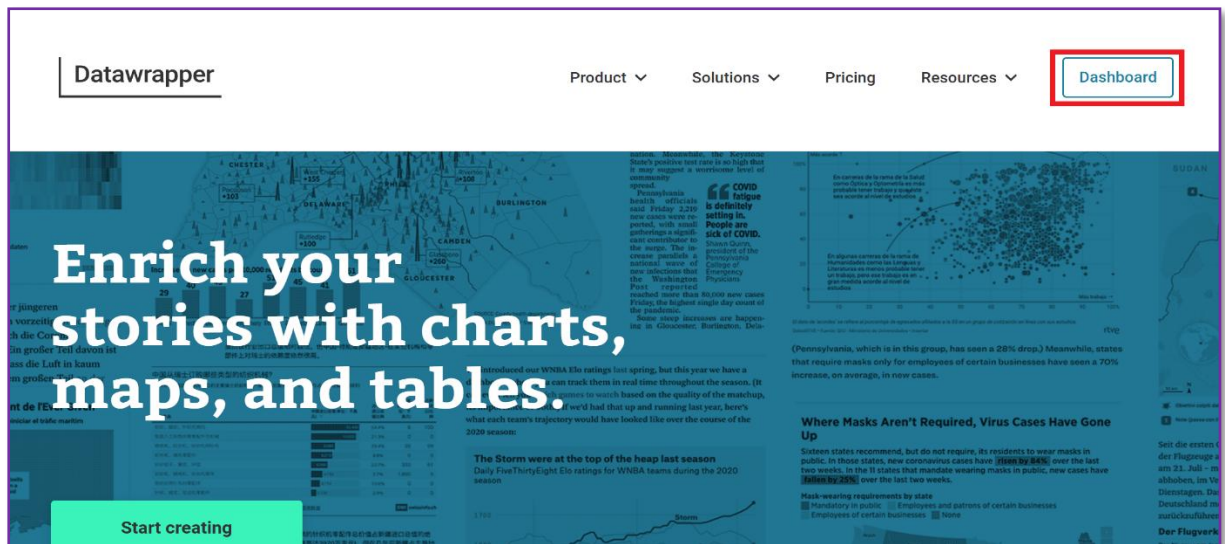
1. Go to <https://www.datawrapper.de/>
2. Sign up using Email, Google, GitHub or X
<https://app.datawrapper.de/signup>



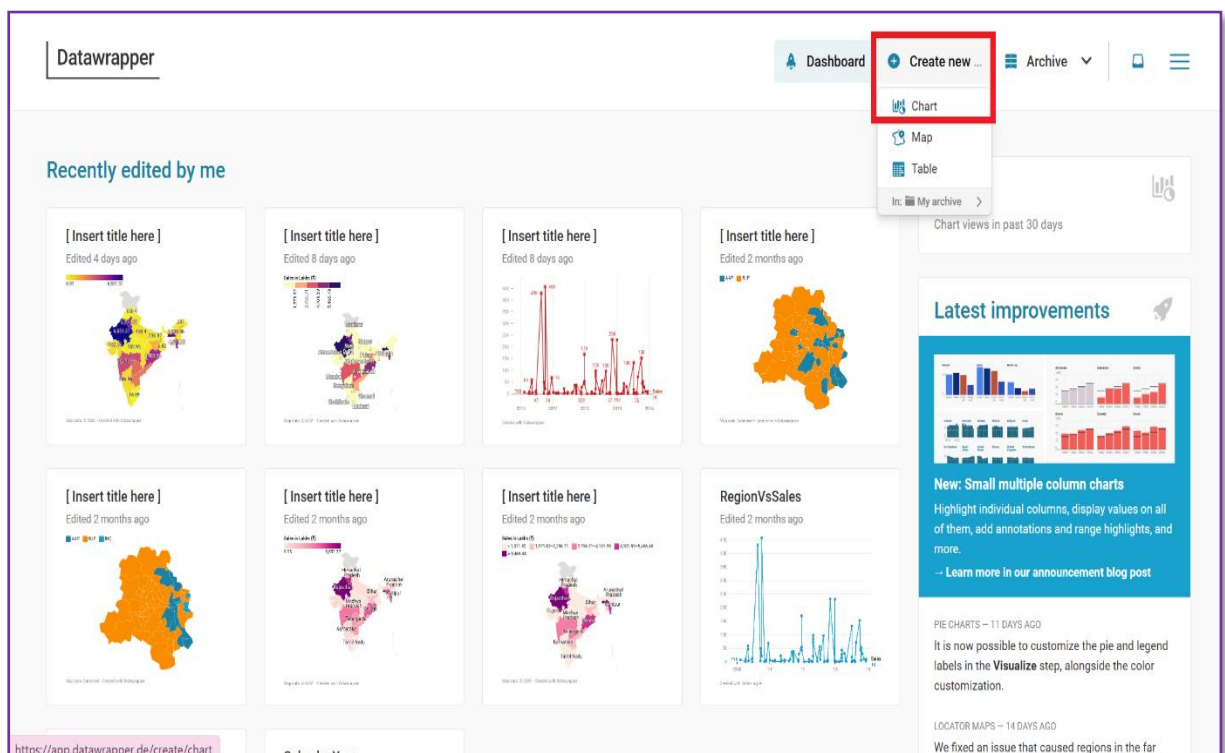
Datawrapper – User guide

Chart Creation

1. Click on the Dashboard button after logging in successfully.



- Download Region Vs Sales excel file from the link.
https://docs.google.com/spreadsheets/d/13_YfvtaysaFKSk0IS2-SUXM0_oZRayzw/edit?usp=drive_link&ouid=110629829119592692466&rtpof=true&sd=true
- Click on **Create new** → **Chart** and copy-paste the table data into Datawrapper. Alternatively, you can upload **XLS/CSV files**, connect a **Google Sheet**, or link to **external data sources**. Click on **Proceed** after pasting the content.



This chart is in My archive

1 Upload Data 2 Check & Describe 3 Visualize 4 Publish & Embed

How do you want to upload your data?

Copy & paste data table
 XLS/CSV upload
 Connect Google Sheet
 Link external data

Copy & paste your data

Select your data (including header row/column) in Excel or LibreOffice and paste it in the text field. You can also upload a CSV or Excel file from your computer.

If you just want to try Datawrapper, here's a list of some example datasets you can use:

Select a sample dataset

Proceed →

Current version

Here you can access past versions of your visualizations after you made edits. Versions will be created...

- every time the visualization is published
- after a certain amount of edits have been made
- when the visualization type has been changed
- when you are finished with editing and no edits are made for some time

4. Check for any errors, and click on **Proceed** if no issues are found.

1 Upload Data ✓ 2 Check & Describe 3 Visualize 4 Publish & Embed

Make sure the data looks right

Please make sure that Datawrapper interprets your data correctly. In the table **number** columns should be shown in blue, **dates** in green and **text** in black. A **red** cell indicates a problem in your dataset that needs to be fixed. cells contain no data.

☒ First row as label

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

English (en-US)

Click on table header to edit column properties

Sort view by: Search data table

1	Region	Sales	Order Date
12	East	468.4	Wednesday, December 26, 2012
13	Central	236.87	Monday, September 28, 2010
14	Central	378.91	Monday, September 28, 2010
15	Central	4,976.92	Monday, September 28, 2010
16	East	552.83	Sunday, October 20, 2013
17	East	5,297.63	Sunday, October 20, 2013
18	Central	155.9	Sunday, June 17, 2012
19	Central	1,481.84	Sunday, June 17, 2012
20	Central	586.96	Sunday, November 21, 2010
21	East	568.51	Tuesday, March 01, 2011
22	East	189.95	Tuesday, March 01, 2011
23	East	3,761.12	Sunday, September 25, 2011
24	Central	243.37	Sunday, October 07, 2012
25	East	5,911.35	Wednesday, May 05, 2010

Swap rows and columns (transpose) Add column... Revert changes...

← Back Proceed →

Current version

March 31, 2025 12:31 PM

2 edits by Thyagarajan Palanisamy

Past versions are retained for 30 days and then automatically deleted. The last published version (📌) will remain available to restore indefinitely.

5. Choose a chart type for visualization and click on **Proceed** to generate the chart.

1 Upload Data ✓
2 Check & Describe ✓
3 Visualize
4 Publish & Embed

Chart type

Refine Annotate Layout

Bar Chart

Stacked Bars

Grouped Bars

Split Bars

Bullet Bars

Column Chart

Stacked Columns

Grouped Columns

Multiple Columns

Lines

Multiple Lines

Area Chart

Scatter Plot

Dot Plot

Range Plot

Arrow Plot

Election Donut

Pie Chart

Multiple Pies

Donut Chart

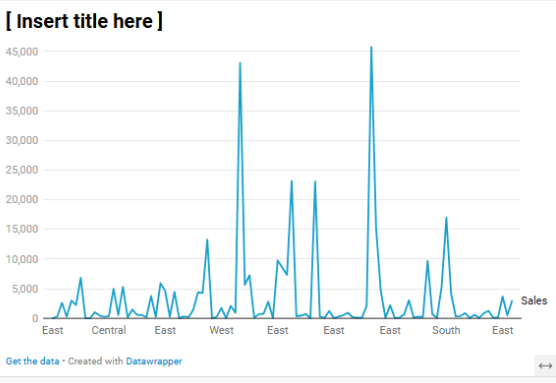
Multiple Donuts

Table

Hint: In case the visualization doesn't look like you expected, you should try to [transpose the data](#)

Back
Proceed

[Insert title here]



PREVIEW

Size (px)
600 396
Colorblind check
None
Dark Mode

6. All styling options are available under the **Refine** tab.

1 Upload Data ✓
2 Check & Describe ✓
3 Visualize
4 Publish & Embed

Chart type

Refine

Annotate

Layout

Horizontal axis

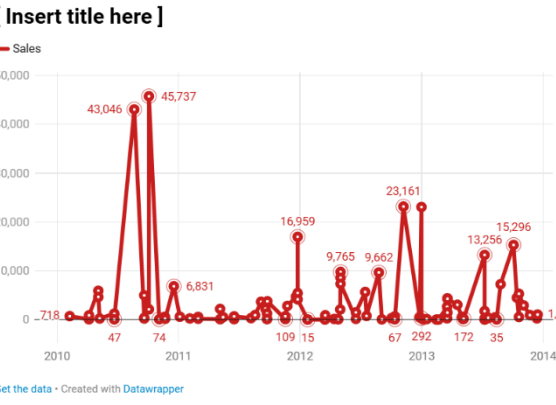
Select column
Order Date
Custom range
2010 - 2014
Custom ticks
e.g. 2000,2005,2012
Date format
2015, 2016
Grid
Lines Ticks Off

Vertical axis

Scale type
Linear Logarithmic
Custom range
0 - 50000
Custom ticks
e.g. 10,20,50
Number format
10,000
Grid
Lines Ticks Off
Labels
Auto Inside Outside Off
Left Right

Customize line

[Insert title here]



PREVIEW

Size (px)
600 404
Colorblind check
None
Dark Mode

Customize line

Color ■ ☐ Show outline

Interpolation Linear

Width 1 2 3 4 5

Dash 1 2 3 4 5

Label ☒ As legend ☐ Next to line
☐ None

Sales

☒ Show value labels

Number format Same as vertical axis

Line ends ☒ First ☒ Last

Labels per line 20

☒ Outline labeled data points

☒ Use line color

☒ Show line symbols

Symbol Circle

Show on ☐ First & Last ☐ First ☐ Last
☒ All

Style ☐ Filled ☒ Hollow

Size 3.5

[Insert title here]

— Sales

Get the data • Created with Datawrapper

PREVIEW

Size (px) 600 404 300 200 100

Colorblind check None Blue Green Red Yellow Grey

Dark Mode Light Dark

Size 3.5

Opacity 1

Fill areas

☐ Fill area below line

Tooltips

☒ Show tooltips on hover

Dates format (horizontal axis) Same as horizontal axis

Values format (vertical axis) Same as vertical axis

Appearance

Plot height ☐ Fixed ☒ Based on width 50 %

Label margin 0 px
(0 = auto)

[Insert title here]

— Sales

Get the data • Created with Datawrapper

PREVIEW

Size (px) 600 404 300 200 100

Colorblind check None Blue Green Red Yellow Grey

Dark Mode Light Dark

← Back Proceed →

7. Chart title and other references can be added using the **Annotate** tab.

Chart type

Refine

Annotate

Layout

Title

Training

hide

Description

2010-2014 Sales Data

Notes

Test

Data source

Test

Link to data source

https://www.test.com/

Byline

Test

Alternative description for screen readers

Describe the presented information for readers who can't see the visualization

Text annotations

Add text annotation

Highlight range

Add range highlight

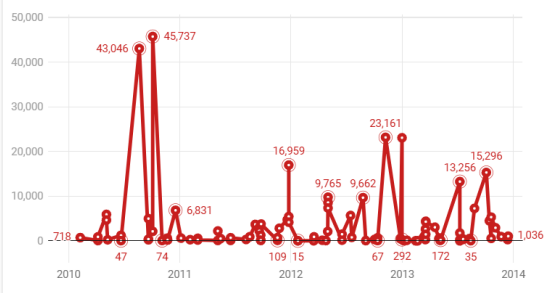
← Back

Proceed →

Training

2010-2014 Sales Data

Sales



Test

Chart: Test • Source: Test • Get the data • Created with Datawrapper

PREVIEW

Size (px)

600

450

Colorblind check

Dark Mode

8. More customization options are available on the **Layout** tab, including the **Embed link** and **Social media share buttons**.

Chart type

Refine

Annotate

Layout

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

English (en-US)

Layout

Theme

Datawrapper

Show logo

Automatic dark mode

Use the same colors in dark mode

Footer

Data download

Image download options

PNG

PDF

SVG

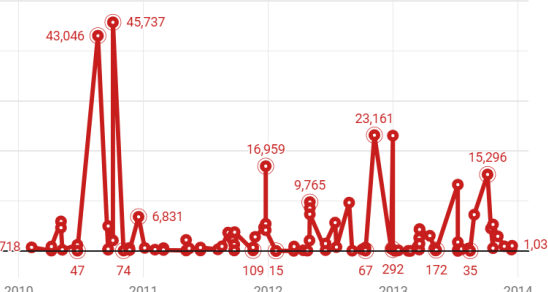
Embed link

Datawrapper attribution

Training

2010-2014 Sales Data

Sales



Test

Chart: Test • Source: Test • Get the data • Embed • Download image • Created with Datawrapper

PREVIEW

Size (px)

600

431

Colorblind check

Dark Mode

☐ Automatic dark mode
 ☐ Use the same colors in dark mode

Footer

☒ Data download
 ☒ Image download options

☒ PNG
 ☐ PDF
 ☐ SVG

☒ Embed link
 ☒ Datawrapper attribution

Upgrade your account to disable the Created with Datawrapper attribution.

Share buttons

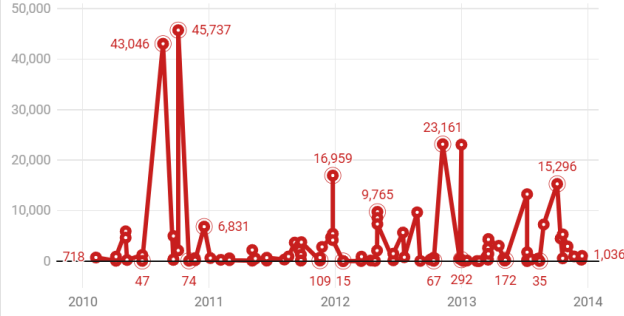
☒ Social media share buttons

☐ Share site chart is embedded in
 ☒ Share chart URL
 ☐ Manually enter URL

← Back

Proceed →

Training
2010-2014 Sales Data



Test
Chart: Test • Source: Test • Get the data • Embed • Download image • Created with Datawrapper

PREVIEW

Size (px)
600 431

Colorblind check
Dark Mode

9. Click on **Publish now** to publish the chart in the dashboard community.

1 Upload Data ✓
2 Check & Describe ✓
3 Visualize ✓
4 Publish & Embed

Publish visualization

Your visualization is not published.

Publish now

You'll need to **publish** this visualization before **embedding** it on your website or **sharing** it on social media.

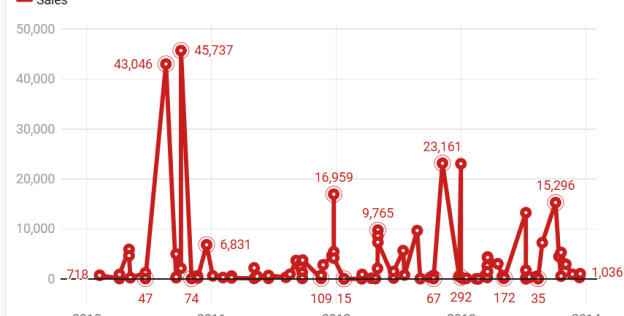
Your published visualization will still only be visible to people who know its URL. **We won't share it publicly.**

Export visualization

PNG
PDF
SVG
ZIP

Duplicate visualization


Training
2010-2014 Sales Data




Test
Chart: Test • Source: Test • Get the data • Embed • Download image • Created with Datawrapper

10. Once published, the chart can be shared via a link or social media share buttons. It can also be downloaded as an image or embedded into your website.

Publish visualization



Congrats!
Your visualization is successfully **published**. You can now share or embed it.



You can always [unpublish](#).

Share & Embed

Link to your visualization:

https://www.datawrapper.de/_...

☐ Visualization only ☒ For sharing

Embed code for your visualization:

```
</>
<iframe title="Training" aria-label="Interac...
```

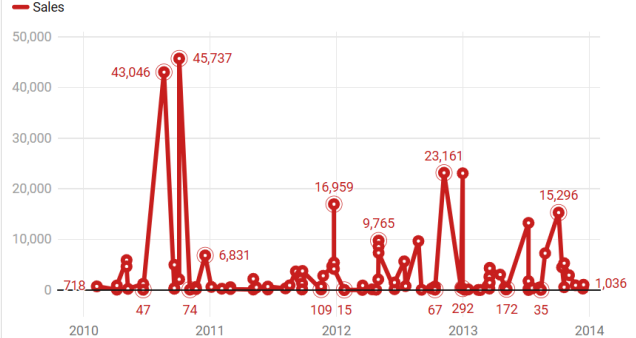
☐ Responsive iframe ☒ Iframe

☐ Embed with script

For the best way to embed your visualization on a specific platform (e.g., WordPress, PowerPoint), [check our documentation](#).

Training

2010-2014 Sales Data



Test

Chart: Test • Source: Test • [Get the data](#) • [Embed](#) • [Download image](#) • Created with Datawrapper

Map Creation

- Download State Vs Sales excel file from the link.
https://docs.google.com/spreadsheets/d/1dTrONJsAKoFB7hA_oy7Z5aMyz03uTRw2/edit?usp=drive_link&oid=110629829119592692466&rtpof=true&sd=true
- Click on **Create new** → **Map** and select the **Choropleth map** option.

Datawrapper


Dashboard [Create new ...](#) Archive

[Chart](#) [Map](#) [Table](#)

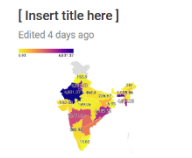
In: My archive

Recently edited by me

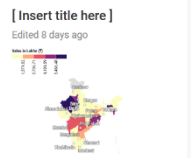
Training
Edited 4 hours ago




[Insert title here]
Edited 4 days ago




[Insert title here]
Edited 8 days ago




[Insert title here]
Edited 8 days ago




[Insert title here]
Edited 2 months ago




[Insert title here]
Edited 2 months ago



[Insert title here]
Edited 2 months ago



[Insert title here]
Edited 2 months ago



Latest improvements

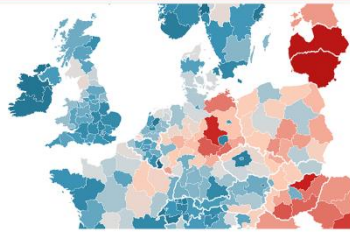
New: Small multiple column charts
Highlight individual columns, display values on all of them, add annotations and range highlights, and more.
[Learn more in our announcement blog post](#)

PIE CHARTS — 11 DAYS AGO
It is now possible to customize the pie and legend labels in the **Visualize** step, alongside the color customization.

<https://app.datawrapper.de/select/map>

What kind of map do you want to create?

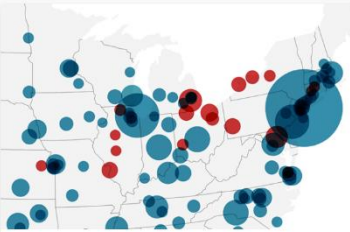
Choose the map type that fits your data:



Choropleth map

Color regions to show data like unemployment rates or election results on a map. Upload your own map or use any of our more than 3000 maps. The resulting map is responsive & interactive.


[Learn more about choropleth maps](#)



Symbol map

Create symbols sized and colored according to your data. Works great for specific locations (like cities). Upload your own map or use any of our more than 3000 maps. The resulting map is responsive & interactive.

[Learn more about symbol maps](#)



Locator map

Add markers to a map to show where something is located or happened, e.g. events within a city. Perfect for showing readers the places you mention in an article. The resulting map is responsive and static.

[Learn more about locator maps](#)

- Choose the Map **India » States and Union Territories (2020)** and click on **Proceed**.


This map is in My archive

1 Select your map

2 Add your data

3 Visualize

4 Publish & Embed



Choropleth map

Proceed →

What type of map do you want to create?

☒ India » States and Union Territories (2020)

☐ India » States and Union Territories » 2017

☐ India » States and Union Territories (2016)

☐ USA » Indiana » Metropolitan and Micropolitan Statistical Areas (CBSA)


☐ USA » Indiana » Census Tracts (2020)

☐ USA » Indiana » State Legislative Districts Lower (2020)

☐ USA » Indiana » Congressional Districts (2022)

☐ USA » Indiana » State Legislative Districts Lower (2022)

☐ USA » Indiana » State Legislative Districts Upper (2022)



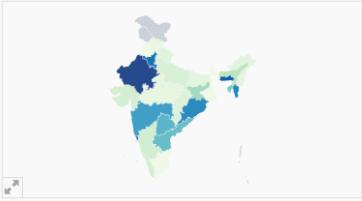
- Copy and paste the table data into Datawrapper. Alternatively, you can upload **XLS/CSV** files, connect a **Google Sheet**, or link to **external data sources**. Go to the **Check** tab and click on **Proceed**. If any content is highlighted in red, resolve the errors before moving to the visualization step.

1 Select your map ✓

2 Add your data

3 Visualize

4 Publish & Embed



Now your map needs data!

We prefilled the table with Name keys. You can start adding your values or upload your own file.

Upload Match Check ▲

Upload a file (CSV or Excel)

You can also simply drop it here

Upload file

OR

Copy & paste your data (including header row/column):

Paste your data here or directly into the table →

OR

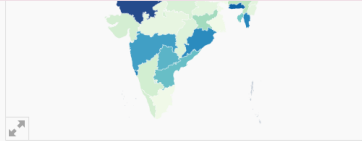
Connect a remote data set

Link external data Connect Google Sheet

Search data table

☒ First row as label
 Add column

	A	Name	B	Values
1	State/Union Territory			Sales in Lakhs (₹)
2	Andhra Pradesh			2,634.86
3	Arunachal Pradesh			281
4	Assam			1,035.86
5	Bihar			236.87
6	Chhattisgarh			378.91
7	Goa			4,976.92
8	Gujarat			552.03
9	Haryana			5,297.63
10	Himachal Pradesh			155.9
11	Jharkhand			1,481.04
12	Karnataka			586.96
13	Kerala			568.51
14	Madhya Pradesh			189.95
15	Maharashtra			3,761.12
16	Manipur			243.37
17	Meghalaya			5,911.35
18	Mizoram			4,649.85
19	Nagaland			257.39
20	Odisha			4,485.54
21	Punjab			16.6
	8 unused			



Now your map needs data!

We prefilled the table with Name keys. You can start adding your values or upload your own file.

Upload Match Check ▲

Make sure the data looks right.

You can set `number`, `date`, and `text` columns using the menu in the column header. A `red` cell indicates missing data or a problem that needs to be fixed. Cells marked with `-` contain no data.

8 entries for this map are not in use. You can see them at the end of the table. These will be grayed out in the map.

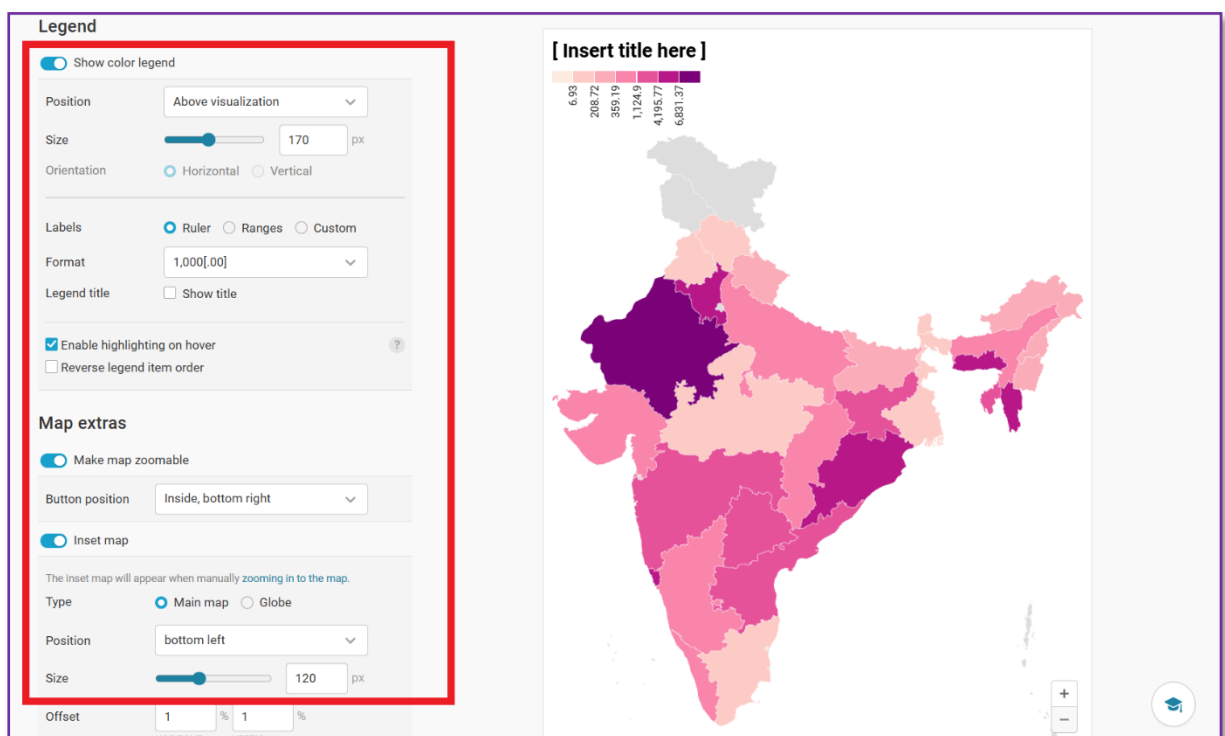
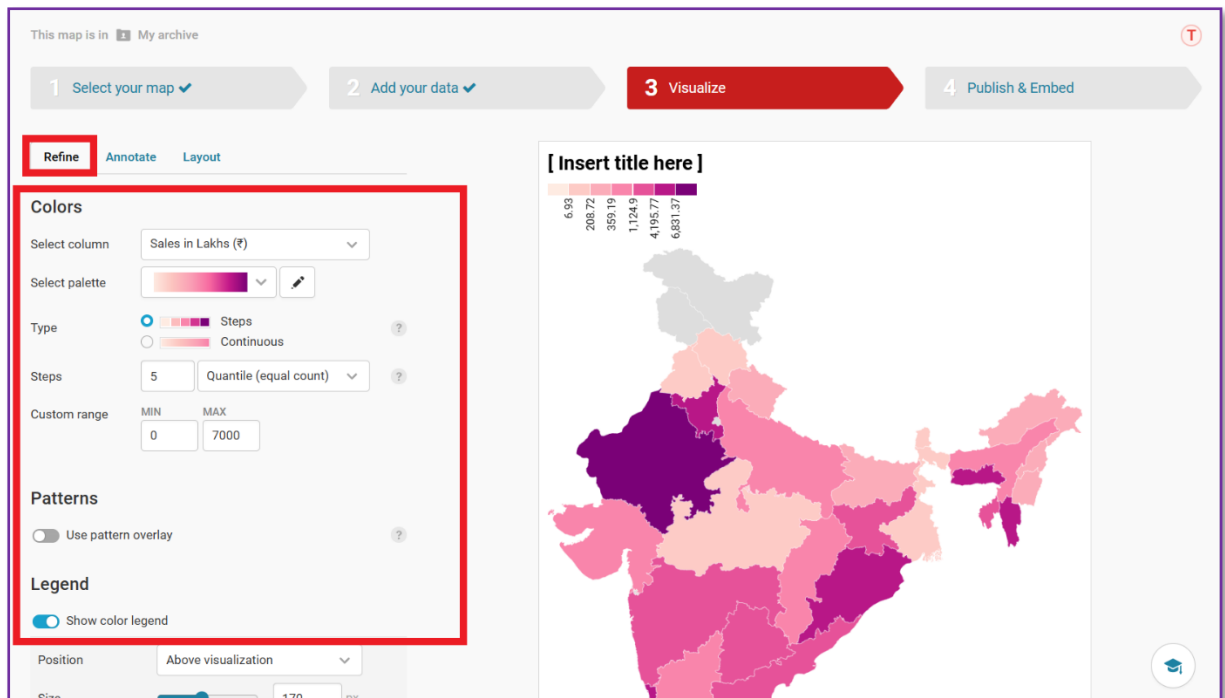
Back Proceed →

Search data table

☒ First row as label
 Add column

	A	Name	B	Values
1	State/Union Territory			Sales in Lakhs (₹)
18	Nagaland			257.39
19	Odisha			4,485.54
20	Punjab			16.6
21	Rajasthan			6,831.37
22	Sikkim			14.96
23	Tamil Nadu			15.69
24	Telangana			2,983.45
25	Tripura			2,247.04
26	Uttar Pradesh			468.4
27	Uttarakhand			312.3
28	West Bengal			6.93
29	Andaman and Nicobar Islands			-
	Chandigarh			-
	Dadra and Nagar Haveli and Daman and Diu			-
	Delhi			-
	Jammu and Kashmir			-
	Ladakh			-
	Lakshadweep			-
	Puducherry			-
	8 unused			
	8 unused			

- An India map with states and sales data will be generated. You can apply styling and customizations as needed.



Button position

Inside, bottom right

Inset map

The inset map will appear when manually zooming in to the map.

Type

☒ Main map
 ☐ Globe

Position

bottom left

Size

120 px

Offset

%
 %

HORIZONTAL VERTICAL

☐ Show inner borders

Appearance

Map view

☒ Full map
 ☐ Crop to data

Additional padding

0 %

Max. map height

1280 px

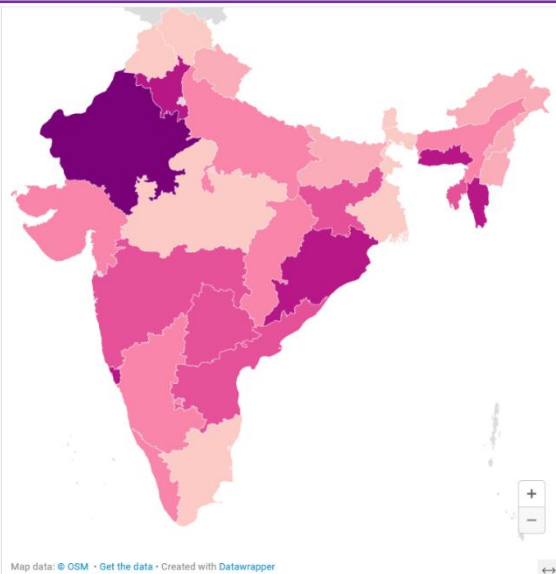
Map alignment

☐ Left
 ☒ Center
 ☐ Right

☐ Hide region borders

← Back

Proceed →



Map data: © OSM · Get the data · Created with Datawrapper

PREVIEW

Size (px)

600 827

Colorblind check

Dark Mode

1 Select your map ✓

2 Add your data ✓

3 Visualize

4 Publish & Embed

Refine

Annotate

Layout

Title

State vs Sales

Description

State vs Sales

Notes

State vs Sales

Data source

Test

Link to data source

https://test.com

Byline

Test123

Alternative description for screen readers

State vs Sales

Map labels

☒ Show labels

Type

☐ places
 ☒ by column

State vs Sales

State vs Sales

6.93

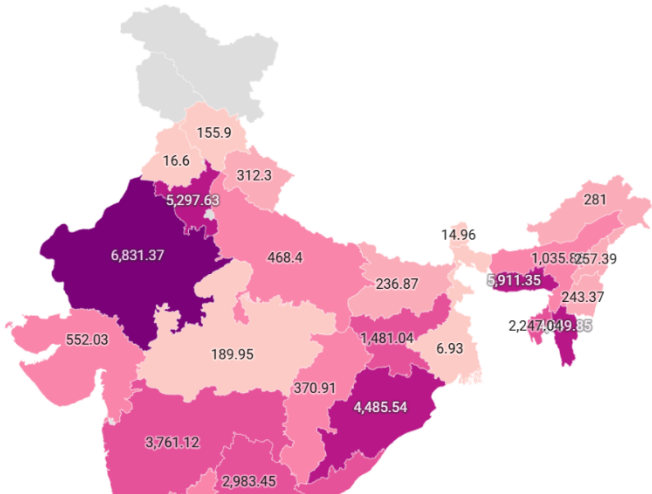
208.72

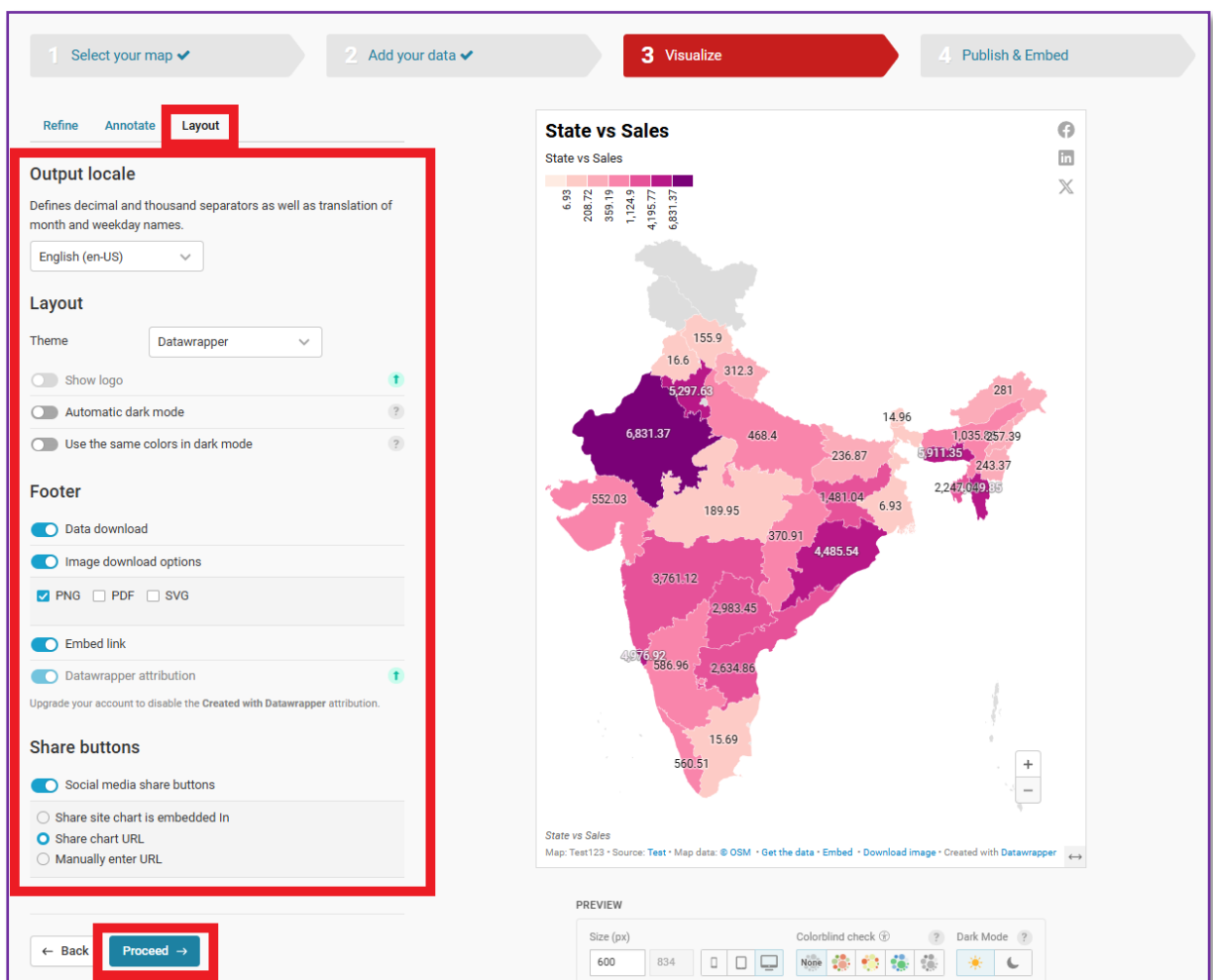
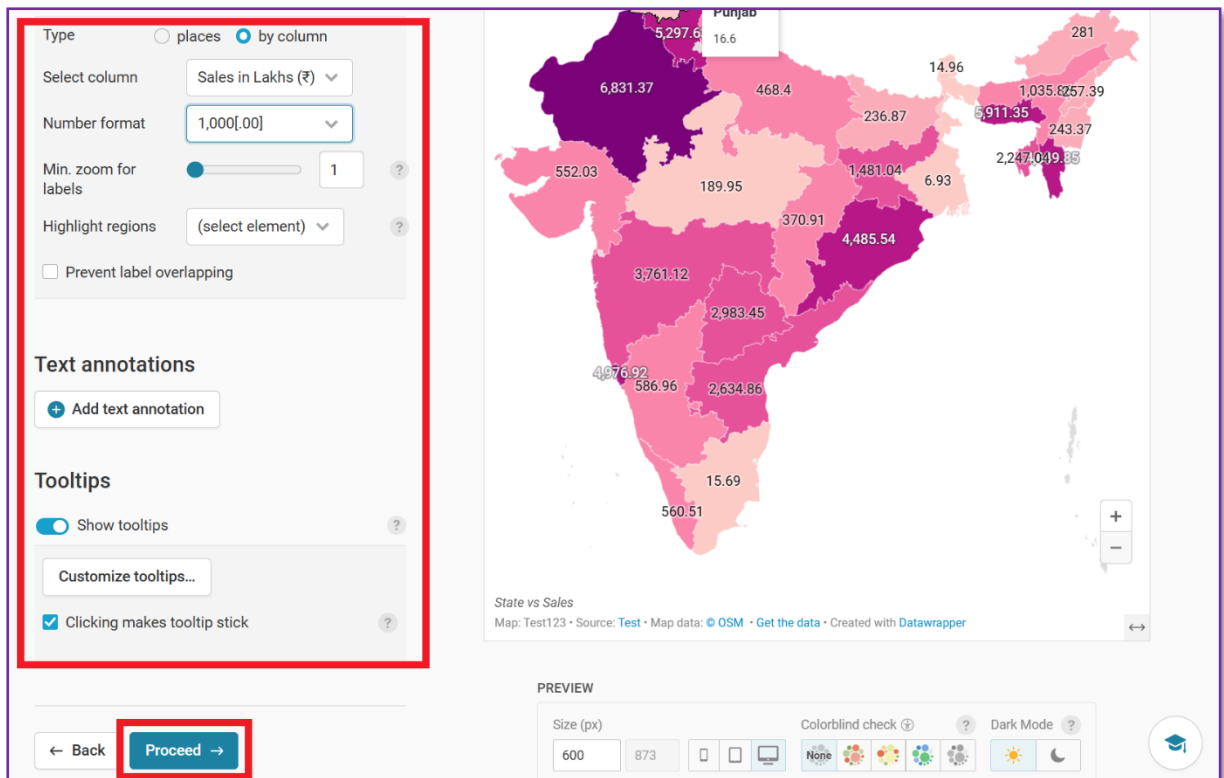
359.19

1,124.9

4,195.77

6,831.37





6. Click on **Publish now** to finalize and share your map.


1 Select your map ✓

2 Add your data ✓

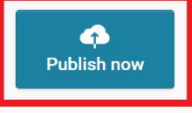
3 Visualize ✓

4 Publish & Embed

Publish visualization







Your visualization is **not published**.



You'll need to **publish** this visualization before **embedding** it on your website or **sharing** it on social media.

Your published visualization will still only be visible to people who know its URL. **We won't share it publicly.**

Export visualization

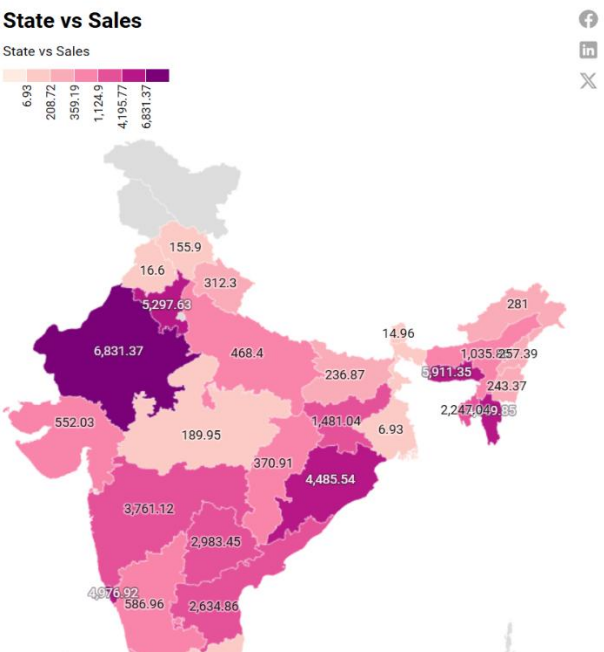
 PNG
  PDF
  SVG
  ZIP

Duplicate visualization

Click to **create a copy of the visualization** in the same folder and open it.

State vs Sales

State vs Sales



6.93 208.72 359.19 1,124.9 4,195.77 6,831.37

155.9 16.6 312.3 5,297.63 468.4 236.87 14.96 281 1,035.257.39 5,911.35 243.37 2,247.049.35 1,481.04 6.93 370.91 4,485.54 2,983.45 3,761.12 586.96 2,634.86 4,576.92 552.03 189.95

Share & Embed

Link to your visualization

https://www.datawrapper.de/_/5nhwk/

☐ Visualization only ☒ For sharing

Embed code for your visualization:

```
</> <iframe title="State vs Sales" aria-label="Map" id="dataw...
```

☐ Responsive iframe ☒ Iframe





☐ Embed with script

For the best way to embed your visualization on a specific platform (e.g., WordPress, PowerPoint), [check our documentation](#).

Allow reuse of this visualization

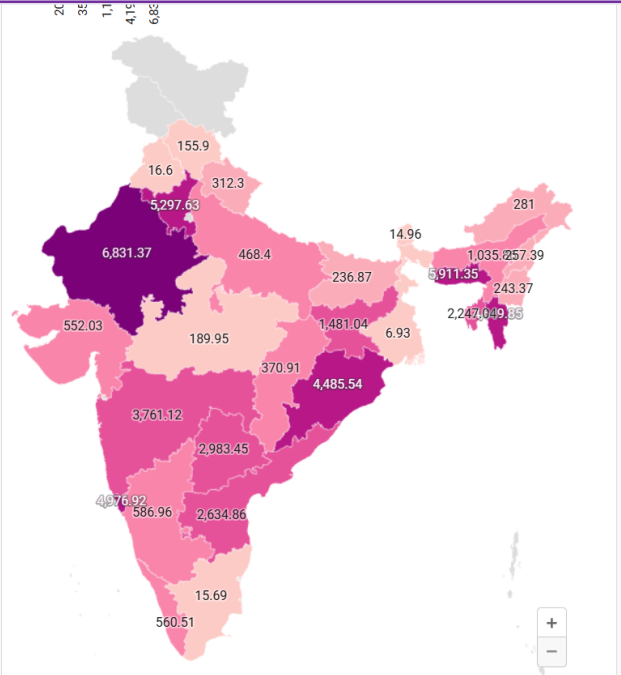
You can increase reach by allowing other users to adapt and reuse your chart. Click here to [add your chart to River](#).

Export visualization

 PNG
  PDF
  SVG
  ZIP

Duplicate visualization

Click to **create a copy of the visualization** in the same folder and open it.



20 35 1,1 4,15 6,83

155.9 16.6 312.3 5,297.63 468.4 236.87 14.96 281 1,035.257.39 5,911.35 243.37 2,247.049.35 1,481.04 6.93 370.91 4,485.54 2,983.45 3,761.12 586.96 2,634.86 4,576.92 552.03 189.95 15.69 560.51

State vs Sales

Map: Test123 • Source: Test • Map data: © OSM • [Get the data](#) • [Embed](#) • [Download image](#) • Created with Datawrapper